



# Automatic Self Cleaning Liquid Filter for Major Automotive Plant in Ontario

Manurep was asked to bring their K FACTOR FILTER to an automotive plant in Ontario to see how well it would work at cleaning the 1st stage of the pretreatment process. They were competing with a few other types of filters and had to do trials to see how well the filter would work.

Manurep has been working in the automotive industry for many years and had always wanted to have a filter that would work for the Deluge and pretreatment stages in all the automotive plants. The K FACTOR FILTER has been in the works for many years with a number of successful installations in other industries.

The design of the K FACTOR FILTER has been developed by working in plants doing trials and demos. After going through the trial and demo process with engineering and maintenance in this plant they were given the order to proceed.



The K Factor Filter

This filter, if successful, will have implications in all their other plants and in a new plant they are building now.

Since this filter has started up it has been a very successful installation and a breakthrough for this key application. To be able to advertise that we can remove weld balls, sealer, metal sludge, sand, grit, ear plugs and all other debris from the pretreatment and deluge process is a win for everyone.



Filtered unwanted debris

The K FACTOR FILTER is automatic, self cleaning and requires virtually no maintenance. The filter can handle upsets in solids loading and can also handle flows that vary. It is filtering at less than 23 microns.

This plant will benefit from cleaner tanks, improved chemical program, improve heat transfer, stop nozzle plugging, less maintenance, reduced wear and improve the quality with less defects. The cost to operate the K FACTOR FILTER is minimal.

